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PATENT
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Susan M. Cannon
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Mark C. Fishman et al.

Art Unit: 1634

Serial No.: 09/759,508

Examiner: Jehanne E. Souaya

Filed: January 12, 2001

Customer No.: 21559

Title: Methods for Diagnosing and Treating Heart Disease

Commissioner for Patents
Washington, D.C. 20231

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REPLY TO OFFICE ACTION

In reply to the Office Action that was mailed in connection with the above-captioned application on June 4, 2002, applicants submit the following Amendment and Remarks.

AMENDMENT

Kindly amend the application as follows.

In the Specification:

Please replace the paragraph spanning pages 9-10 with the following new paragraph:

Titin nucleic acid molecules, polypeptides, and antibodies can be used in methods to diagnose or to monitor diseases and conditions involving mutations in, or inappropriate expression of, *titin* genes. As discussed further below, the *pickwick* mutation in zebrafish, which